ORDER NO. NAAU840517

Service Manual

Hi-Fi Speaker System

SB-3410 (K)

[E], [EB], [EH], [Ei]
[EF], [EK], [EG]

SB-3430 (K)

[E], [EB], [EH], [Ei]
[EF] [EK], [EG]

SB-3450 (K)

[E], [EB], [EH], [Ei]
[EF], [EK], [EG]

* The colors of the model include wood and black.
* The black type and rose wood type model is provided with (K) in the Service Manual.

Areas

* [E] is available in Scandinavia and Switzerland.
* [EK] is available in United Kingdom.
* [EF] is available in France.
* [EB] is available in Belgium.
* [EH] is available in Holland.
* [Ei] is available in Italy.
* [EG] is available in Germany.

Specifications

(Specifications are subject to change without notice for further improvement.)

Type:	2 way 2 speaker system
Speakers:	Woofer: 20 cm, cone type Tweeter: 5.5 cm, cone type
Impedance:	8 ohms
Input Power:	100 W, Music 50 W, DIN
Output Sound Pressure Level:	93 dB/W (1.0 ml)
Crossover Frequency:	4,000 Hz.
Frequency Range:	70 Hz ~ 20 kHz (– 10 dB) 50 Hz ~ 25 kHz (– 16 dB)
Dimensions:	26.1 (W) x 48.8 (H) x 22.1 (D) cm
Weight:	4.8 kg

TECHNISCHE DATEN

(Spezifikationen können infolge von Verbesserungen ohne Ankindigund geändert werden).

Typ:	2-Weg-System mit 2 Lautsprechern
Lautsprecher:	Tieftonlautsprecher: 20 cm, Konustyp Hochtonlautsprecher: 5.5 cm, Konustyp
Impedanz:	8 Ohms
Belastbarkeit:	100 Watt Musik 50 Watt DIN
Abgegebener Schalldruckpegel:	93 dB/W (in 1.0 m Abstand)
Überschneidungs-frequenz:	4.000 Hz
Frequenzbereich:	70 Hz ~ 20 kHz (– 10 dB) 50 Hz ~ 25 kHz (– 16 dB)
Abmessungen:	26.1 (B) x 48.8 (H) x 22.1 (T) cm
Gewicht:	4,8 kg

CARACTERISTIQUES

(Sujet à changement sans préavis).

Type:	2 voies, 2 haut-parleurs
Haut-parleurs:	graves: 20 cm, type à cône aigus: 5.5 cm, type à cône
Impédance:	8 ohms
Entrée maximale:	100 watts, musique 50 watts, DIN
Niveau de pression sonore de sortie:	93 dB/W (1.0 m)
Fréquence de conmutation:	4.000 Hz
Gamme de fréquences:	70 Hz ~ 20 kHz (– 10 dB) 50 Hz ~ 25 kHz (– 16 dB)
Dimensions:	26.1 (l) x 48.8 (H) x 22.1 (P) cm
Poids:	4,8 kg

Technics

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

SB-3430/K

Specifications

(Specifications are subject to change without notice for further improvement).

Type:	3 way 3 speaker system
Speakers:	Woofer: 20 cm, cone type Tweeter: 5.5 cm, cone type Super Tweeter:
Impedance:	8 ohms
Input Power:	100 W, Music 50 W, DIN
Output Sound Pressure Level:	90 dB/W (1.0 m)
Crossover Frequency:	4,000 Hz, 10,000 Hz
Frequency Range:	62 Hz ~ 25 kHz (–10 dB) 48 Hz ~ 30 kHz (–16 dB)
Dimensions:	26.1 (W) x 51.5 (H) x 22.1 (D) cm
Weight:	5.8 kg

TECHNISCHE DATEN

(Spezifikationen können infolge von Verbesserungen ohne Ankindigund geändert werden).

Typ:	3-Weg-System mit 3 Lautsprechern
Lautsprecher:	Tieftonlautsprecher: 20 cm, Konustyp Hochtonlautsprecher: 5.5 cm, Konustyp Ultrahochtonlautsprecher:
Impedanz:	8 Ohms
Belastbarkeit:	100 Watt Musik 50 Watt DIN
Abgegebener Schalldruckpegel:	90 dB/W (in 1.0 m Abstand)
Überschneidungs-frequenz:	4.000 Hz, 10.000 Hz
Frequenzbereich:	62 Hz ~ 25 kHz (–10 dB) 48 Hz ~ 30 kHz (–16 dB)
Abmessungen:	26.1 (B) x 51.5 (H) x 22.1 (T) cm
Gewicht:	5,8 kg

CARACTERISTIQUES

(Sujet à changement sans préavis).

Type:	3 voies, 3 haut-parleurs
Haut-parleurs:	graves: 20 cm, type à cône aigus: 5.5 cm, type à cône "Super haut-parleur" aigu:
Impédance:	8 ohms
Entrée maximale:	100 watts, musique 50 watts, DIN
Niveau de pression sonore de sortie:	90 dB/W (1.0 m)
Fréquence de conmutation:	4.000 Hz, 10.000 Hz
Gamme de fréquences:	62 Hz ~ 25 kHz (–10 dB) 48 Hz ~ 30 kHz (–16 dB)
Dimensions:	26.1 (l) x 51.5 (H) x 22.1 (P) cm
Poids:	5,8 kg

SB-3450/K

Specifications

(Specifications are subject to change without notice for further improvement).

Type:	3 way 3 speaker system
Speakers:	Woofer: 25 cm, cone type Tweeter: 5.5 cm, cone type Super Tweeter:
Impedance:	8 ohms
Input Power:	120 W, Music 60 W, DIN
Output Sound Pressure Level:	90 dB/W (1.0 m)
Crossover Frequency:	2,600 Hz, 10,000 Hz
Frequency Range:	60 Hz ~ 25 kHz (– 10 dB) 46 Hz ~ 30 kHz (– 16 dB)
Dimensions:	29.2 (W) x 55.5 (H) x 22.1 (D) cm
Weight:	6.2 kg

TECHNISCHE DATEN

(Spezifikationen können infolge von Verbesserungen ohne Ankindigund geändert werden).

Typ:	3-Weg-System mit 3 Lautsprechern
Lautsprecher:	Tieftonlautsprecher: 25 cm, Konustyp Hochtonlautsprecher: 5.5 cm, Konustyp Ultrahochtonlautsprecher:
Impedanz:	8 Ohms
Belastbarkeit:	120 Watt Musik 60 Watt DIN
Abgegebener Schalldruckpegel:	90 dB/W (in 1.0 m Abstand)
Überschneidungs-frequenz:	4.500 Hz, 10.000 Hz
Frequenzbereich:	60 Hz ~ 25 kHz (– 10 dB) 46 Hz ~ 30 kHz (– 16 dB)
Abmessungen:	29.2 (B) x 55.5 (H) x 22.1 (T) cm
Gewicht:	6,2 kg

CARACTERISTIQUES

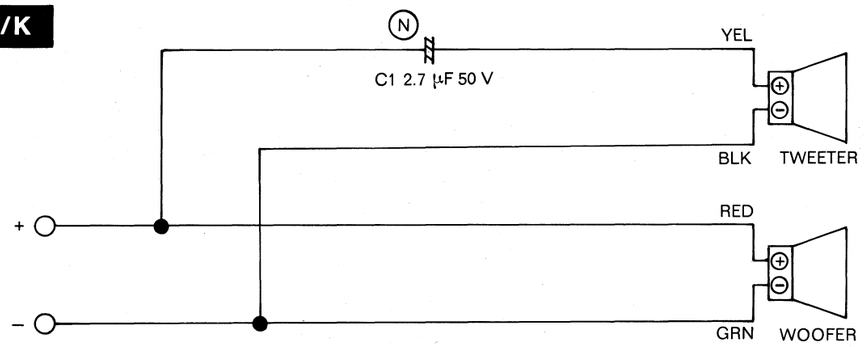
(Sujet à changement sans préavis).

Type:	3 voies, 3 haut-parleurs
Haut-parleurs:	graves: 25 cm, type à cône aigus: 5.5 cm, type à cône "Super haut-parleur" aigu:
Impédance:	8 ohms
Entrée maximale:	120 watts, musique 60 watts, DIN
Niveau de pression sonore de sortie:	90 dB/W (1.0 m)
Fréquence de conmutation:	4.500 Hz, 10.000 Hz
Gamme de fréquences:	60 Hz ~ 25 kHz (– 10 dB) 46 Hz ~ 30 kHz (– 16 dB)
Dimensions:	29.2 (l) x 55.5 (H) x 22.1 (P) cm
Poids:	6,2 kg

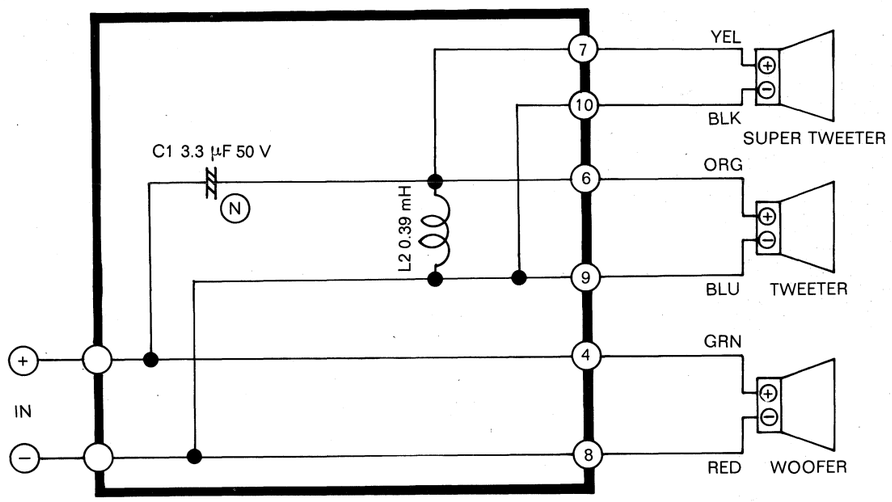
■ SCHEMATIC DIAGRAM

(This schematic diagram may be modified at any time with the development of new technology).

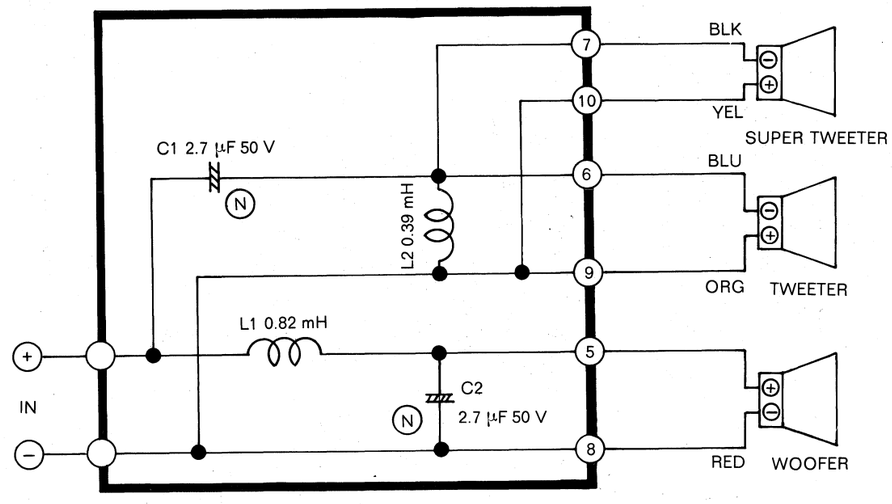
SB-3410/K



SB-3430/K

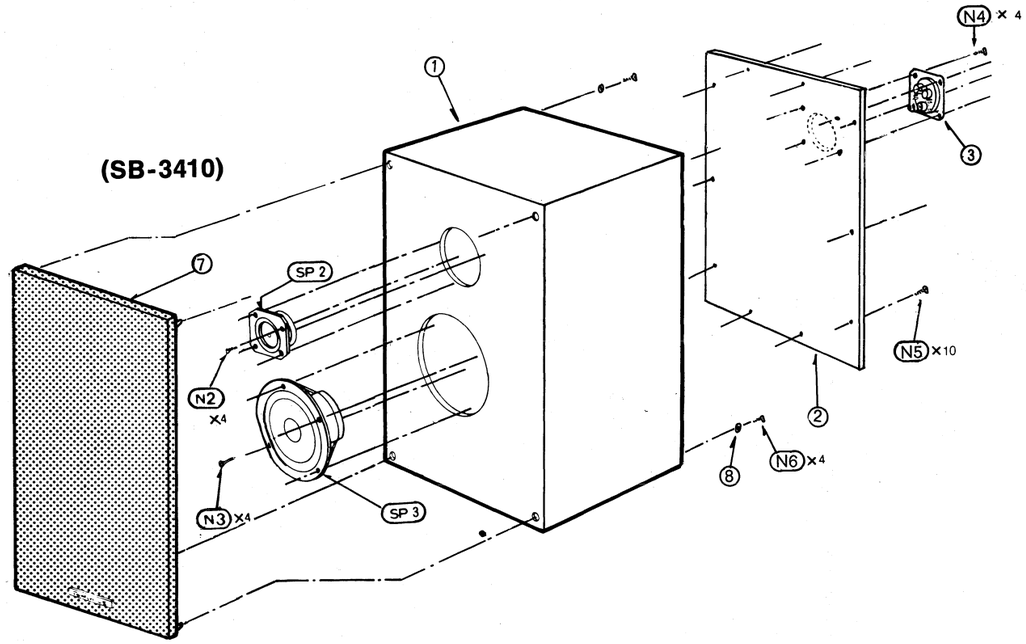


SB-3450/K

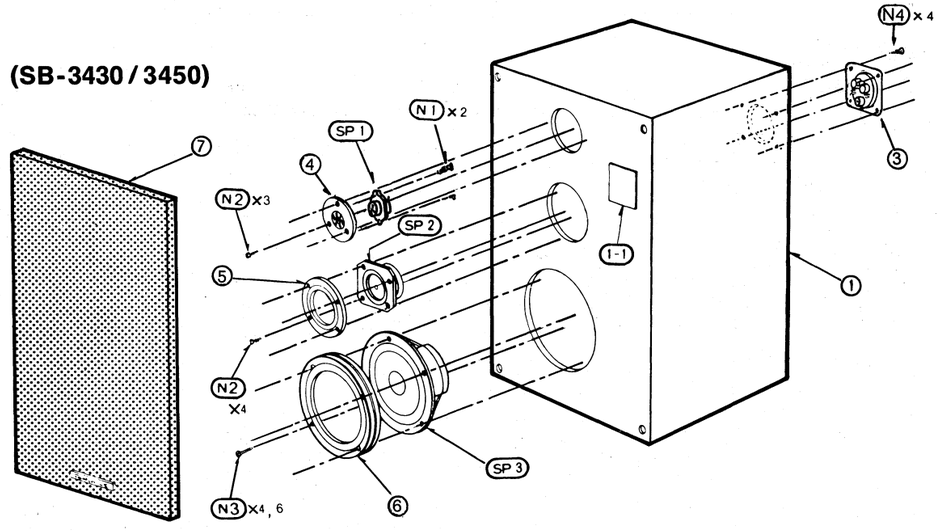


■ EXPLODED VIEW

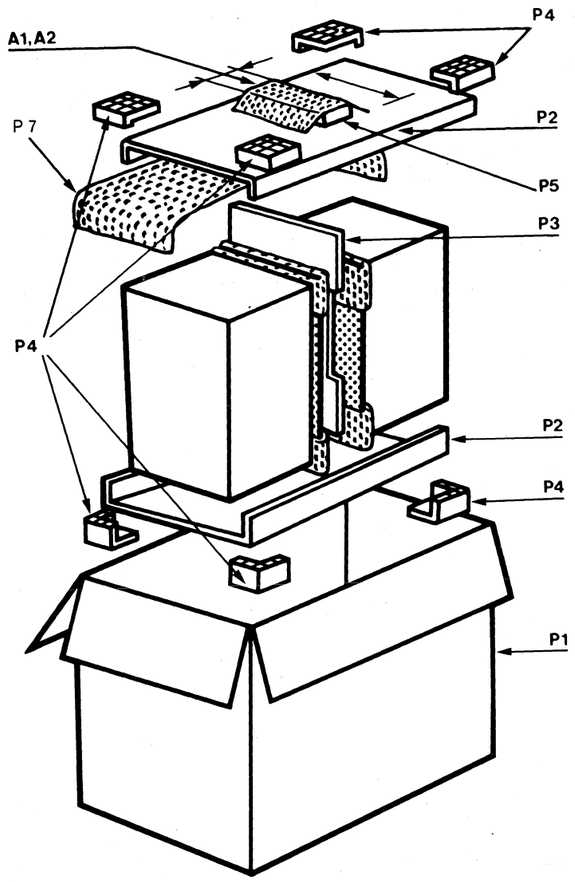
(SB-3410)



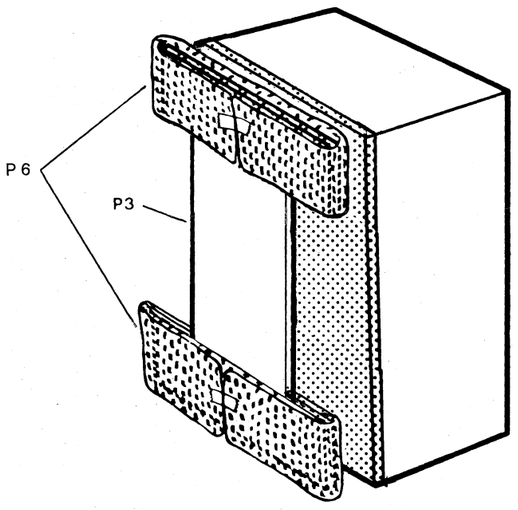
(SB-3430 / 3450)



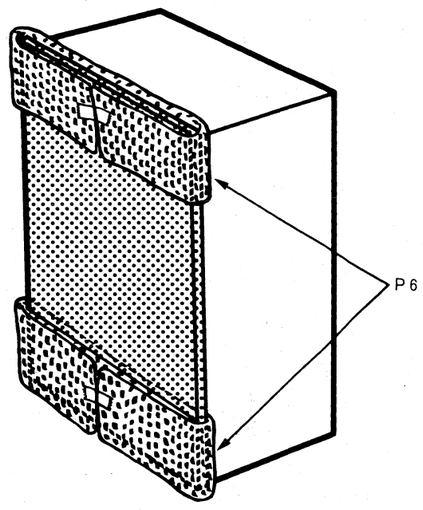
■ PACKINGS



(SB-3410)



(SB-3430 / 3450)



■ REPLACEMENT PARTS LIST

Notes: 1. Part numbers are indicaded on most mechanical parts. Please use this part number for parts orders.
2. -marked parts are used for black type only, while O-marked parts are for wood type only.
3. Bracketed indications in Ref. No. columns specify the area. Parts without these indications can be used for all areas.

SB-3410/K

Ref. No.		Part No.	Part Name & Description
SPEAKER			
SP2		EAS65PH60SJ-T	Speaker, Tweeter
SP3		EAS20PL235SA	Speaker, Woofer
CAPACITOR			
C1		ECEA50Y2R7K	Non-Polar Electrolytic, 2,7 µF, 50 V
CABINET PARTS			
1 [EK] only		SKASPB3410KEK	Cabinet (Rose Wood Type)
1 [Other Area]		SKASPB3410KE	Cabinet (Black Type)
2		SKUSPS30	Rear board
3		SJFSPS5207	Terminal Ass'y, Input
7		SYBSPS96-2	Grill
8		XWE4F16	Washer
SCREWS			
N2		XTNSS43+25D1	Screw, Tweeter
N3		XTNSS50+25DS	Screw, Woofer
N4		XMS31+D13FZ	Screw, Terminal
N5		XMS31+D25FZ	Screw, Rear Board
N6		XTB4+13B	Screw, Grill
ACCESORIES			
A1		SQXSPS5287	Instructions Book
A2		SWXSPS214	Cord, Speaker
PACKING PARTS			
P1		SPGSPS4	Carton Box
P2		SPSSPS001	Pad. Upper & Lower
P3		SPSSPS002	Pad. Middle
P4		SPSSPS1019	Pad. Corner
P5		SPSSPS1027-1	Pad.
P6		SPHSPS001	Sheet
P7		SPHSPS003	Sheet

SB-3430/K

Ref. No.		Part No.	Part Name & Description
SPEAKER			
SP1		EAS3FP16A	Speaker, Supper Tweeter
SP2		EAS65PH60SJ-T	Speaker, Tweeter
SP3		EAS20PL235S	Speaker, Woofer
COILS			
L1		SLCSC391KU	Coil, Choke 0,39 mH
CAPACITOR			
C1		ECEA50Y3R3K	Non-Polar Electrolytic, 3,3 µF, 50 V
CABINET PARTS			
1 [EK] only		SKASPB3430KEK	Cabinet (Rose Wood Type)
1 [Other Area]		SKASPB3430KE	Cabinet (Black Type)
1-1		SGKS209	Name Plate
3		SJFSPS5207	Terminal Ass'y, Input
4		SGHSPS1005	Ornament, Supper Tweeter
5		SGEPS106-1	Ornament, Tweeter
6		SGHSPS1007	Ornament, Woofer
7		SYBSPS89	Grill
SCREWS			
N1		XTB4+10B	Screw, Supper Tweeter
N2		XTNSS43+25D1	Screw, Supper Tweeter & Tweeter
N3		XTNSS50+25DS	Screw, Woofer
N4		XMS31+13FZ	Screw, Terminal
ACCESORIES			
A1		SQXSPS5286	Instructions Book
A2		SWXSPS214	Cord, Speaker
PACKING PARTS			
P1		SPGSPS5	Carton Box
P2		SPSSPS001	Pad. Upper & Lower
P3		SPSSPS003	Pad. Middle
P4		SPSSPS1019	Pad. Corner
P5		SPSSPS1027-1	Pad.
P6		SPHSPS001	Sheet
P7		SPHSPS003	Sheet

SB-3450/K

Ref. No.		Part No.	Part Name & Description
SPEAKER			
SP1		EAS3FP16A	Speaker, Supper Tweeter
SP2		EAS65PH60SJ-T	Speaker, Tweeter
SP3		EAS25PL167S	Speaker, Woofer
COILS			
L1		SLCSC821KU	Coil, Choke 0,82 mH
L2		SLCSC391KU	Coil, Choke 0,39 mH
CAPACITOR			
C1, C2		ECEA50Y2R7K	Non-Polar Electrolytic, 2,7 µF, 50 V
CABINET PARTS			
1 [EK] only		SKBSPB3450KEK	Cabinet (Rose Wood Type)
1 [Other Area]		SKBSPB3450KE	Cabinet (Black Type)
1-1		SGKS208	Name Plate
3		SJFSPS5207	Terminal Ass'y, Input
4		SGHSPS1005	Ornament, Supper Tweeter
5		SGHSPS106-1	Ornament, Tweeter
6		SGHSPS1008	Ornament, Woofer
7		SYBSPS161	Grill
SCREWS			
N1		XTB4+10B	Screw, Supper Tweeter
N2		XTNSS43+25D1	Screw, Supper Tweeter & Tweeter
N3		XTNSS50+25DS	Screw, Woofer
N4		XMS31+13FZ	Screw, Terminal
ACCESORIES			
A1		SQXSPS5286	Instructions Book
A2		SWXSPS214	Cord, Speaker
PACKING PARTS			
P1		SPGSPS6	Carton Box
P2		SPGSPS004	Pad. Upper & Lower
P3		SPGSPS005	Pad. Middle
P4		SPSSPS1019	Pad. Corner
P5		SPSSPS1027-1	Pad.
P6		SPHSPS001	Sheet
P7		SPHSPS003	Sheet

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